Amendments

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Currently amended claims are shown with additions underlined and deletions in ~~strikethrough text~~. No new matter is added by this amendment.

Listing of Claims:

Claims 1-8 (Canceled).

9. (Previously amended) A system, comprising:

a mount configured to be coupled to an appendage;

a position sensor including a position sensing element coupled to the mount, the position sensor configured to send a signal associated with a spatial position of the position sensing element with respect to a predetermined reference point; and

a data processor configured to generate an output signal associated with the spatial position of the position sensing element based on the signal, said data processor configured to determine a spatial position of the mount.

10. (Previously amended) The system of claim 9, wherein the mount includes a ring.

11. (Previously amended) The system of claim 10, wherein the ring includes an elastic band.

12. (Previously amended) The system of claim 9, wherein the mount includes a clip having flexible and separable portions.

13. (Previously amended) The system of claim 9, wherein the mount includes a thimble.

14. (Previously amended) The system of claim 13, wherein the thimble includes elastic material.

15. (Previously amended) The system of claim 9, wherein the mount includes an artificial fingernail having a support configured to be adhesively attached to a fingernail on the appendage.

16. (Previously amended) The system of claim 9, wherein the position sensing element includes at least one of an electromagnetic energy transmitter and an electromagnetic energy receiver.

17. (Previously amended) The system of claim 9, the position sensing element being a first position sensing element, the system further comprising a second position sensing element configured to be positioned apart from the first position sensing element.

18. (Previously amended) The system of claim 9, the position sensing element being a first position sensing element configured to be positioned on a distal link of the appendage, the system further comprising a second position sensing element configured to be positioned on a proximal link of the appendage and separated from the distal link by an intermediate link.

19. (Previously amended) The system of claim 18, wherein the data processor is configured to calculate the spatial position of the intermediate link based on the first position sensing element and the second position sensing element.

20. (Previously amended) The system of claim 9, further comprising a support structure configured to apply a force reflection.

Claims 21-34 (Withdrawn).

35. (Previously added) A method, comprising:

generating a signal associated with a spatial position of a position sensing element with respect to a predetermined reference point, the position sensing element being coupled to a position sensor, the position sensor being coupled to a mount configured to be worn on an appendage;

transmitting the signal to a data processor;

generating an output signal associated with the spatial position of the position sensing element based on the transmitted signal; and

calculating a spatial position of the mount based on the output signal.

36. (Currently amended) Processor executable code stored on a processor-readable medium, the code comprising:

code to generate a signal associated with a spatial position of a position sensing element with respect to a predetermined reference point, the position sensing element being coupled to a position sensor, the position sensor being coupled to a mount configured to be worn on an appendage;

code to transmit the signal to a data processor;

code to generate an output signal associated with the spatial position of the position sensing element based on the transmitted signal; and

code to calculate a spatial position of the mount based on the output signal.